

NWS CHANGE FORM PART A			1. DATE SUBMITTED 4/19/00 Revision 1: 6/23/00
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE APO	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Gary Battel Routing Code: W/OSD25 Phone: (301) 713-1768x194	5. ORIGINATOR TRACKING NUMBER P426_TDL_A100061 R1
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 586 Rev. A 6/26/00
8. TITLE OF CHANGE Climate Patch to Release 4.3.1 and 4.2.6 : Fixes NWR Header and the Rounding Algorithm			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) All sites	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Revision: RC61R1 includes the functionality of RC61 unchanged and RC60 both. RC60 is withdrawn. Earlier two patches were planned to use the same executable with different scripts. Now the patch P426_TDL_A1000061 provides the functionality for R4.2.6 and R4.3.1 both. Patch P426_TDL_A1000060 will not be deployed. The patch P426_TDL_A1000061 has already been deployed in May 2000. Two DRS (5268 and 5350) have been identified by the Office of meteorology. The fix for DR 5268 provides the site with the ability to modify the header on the NWR climate product. The fix for DR 5350 makes the climate rounding algorithm in accordance with the IAW WMO standards. The software modifications were not identified and completed in time to meet the Release 4.3.3 deadlines, but are needed in the field by May 1, 2000.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Executables and files: Attachment 1			
13. ALTERNATE SOLUTIONS None			
14. REQUIRED CHANGE DATE 5/08/00	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The Office of Meteorology has determined that these fixes need to be in place by May 1, 2000 to allow for a complete 2 month spin up period of the Climate program to meet the July 1 2000 Climate implementation date set by General Kelly		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY <input checked="" type="checkbox"/> FAST TRACK <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER P431_TDL_A100061	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with 5.0 development		KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT \$0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) None. TDL SST members will implement the change.		KMOD _____ BASE	AMOUNT \$
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE Sites will pick up the software from the NOAA1 server by May 1, 2000		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.3.1 or P426_TDL_A100060. This patch should be reloaded after a 4.3.1 installation. The installation of release 4.2.3 and 4.3.3 will not affect this software.	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) N/A		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) TDL SST members will push the software changes to the NOAA1 Server. Sites will retrieve the software, instructions and documentation.			

<div>NWS CHANGE FORM</div> <div>PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT</div>							1. ORIGINATOR TRACKING NUMBER P431_TDL_A100061		
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)							2. WSH TRACKING NUMBER		
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART	B. SERIAL NUMBER(S) OR			A.	B.	A.	B. REV

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER P431_TDL_A100061		
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 586 Rev. A		
3. CCB COST EVALUATION <div> NWS COST FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$ </div> <div> (SPECIFY)_____ </div>				
4. IMPLEMENTATION DOCUMENTS REQUIRED <div> <input checked="" type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____ </div>				
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.				
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Put patch and documentation on Noaa1 server B. Sites retrieve patch and load on their system C. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this Modification Note number in Block 17a of the EMRS report. D. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.		TBD	Battel/SST, ESA at Sites ESA W/OSO113	N/A N/A N/A

Attachment 1:

- 1) smm.wpd -- System Manager's Manual for 4.3 (no change)
- 2) um.wpd -- User's Manual for 4.3 (no change)

The following items will be prepared by Gary Battel (SST), prior to posting the patch on the NOAA1 server

- 3) install_climate_P1.doc - Instructions on how to install these components.
- 4) install_climate_P1.sh - The script to install the climate software components.
- 5) climate_P1.tar.Z - Tarred and zipped file containing the climate software components for patch 1.